

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	12	("4022575"   "4315754"   "4960711"   "5019515"   "5055409"   "5212095"   "5221521"   "5407832"   "5573651").PN. OR ("5849592").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/25 14:19
S3	3	magnaldo-alastair-.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/25 14:21
S4	0	magnaldo-alastair-\$.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/25 14:21
S5	0	davin-thierry-\$.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/25 14:22
S6	5	davin-thierry-.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/25 14:22
S7	957055	liquid same (analyz\$4 or analys\$4 or flow or flux or inject\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 14:27
S8	11550	((436/43,161,163,164) or (422/50,59,70,82,99,243) or (73/1.01)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 14:53
S9	149768	((436/43,161,163,164) or (422/50,59,70,82,99,243) or (73/1.01)).CCLS. or ("436") or ("422")).CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 14:53
S10	4868	S7 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 14:53
S11	232	S10 and (transparent or flow-through or flowthrough or flow adj through or capillary or microfluidic adj channel) and (syringe or push-syringe or plunger) and (illuminat \$4) and (detect\$4 or diode\$2 or optical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 14:54

S12	173	S10 and (transparent or flow-through or flowthrough or flow adj through or capillary or microfluidic adj channel) and (syringe or push-syringe or plunger) and (illuminat\$4) and (detect\$4 or diode\$2 or optical)	USPAT	OR	OFF	2008/08/25 14:59
S13	234	S10 and (transparent or flow-through or flowthrough or flow adj through or capillary or microfluidic adj channel) and (syringe or push-syringe or plunger) and (illuminat\$4 or LED or light-emitting adj diode or light adj emitting adj diode) and (detect\$4 or diode\$2 or optical)	USPAT	OR	OFF	2008/08/25 16:05
S14	61	(S10 and (transparent or flow-through or flowthrough or flow adj through or capillary or microfluidic adj channel) and (syringe or push-syringe or plunger) and (illuminat\$4 or LED or light-emitting adj diode or light adj emitting adj diode) and (detect\$4 or diode\$2 or optical)) not S12	USPAT	OR	OFF	2008/08/25 16:06
S15	50	(S10 and (transparent or flow-through or flowthrough or flow adj through) and (syringe or push-syringe or plunger) and (illuminat\$4 or LED or light-emitting adj diode or light adj emitting adj diode) and (detect\$4 or diode\$2 or optical)) not S12	USPAT	OR	OFF	2008/08/25 17:25
S16	475	S10 and detect\$4 same (diode\$2 or optical adj fiber\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 17:54
S17	95	S10 and detect\$4 same ((diode\$2 array) and (optical adj fiber\$2))	USPAT	OR	OFF	2008/08/25 17:56
S22	1691	flow adj injection adj analysis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/26 08:54
S23	72	S22 and light adj detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/26 08:54
S24	0	GB-967586-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/26 09:22

S26	13	((("4399225") or ("5252486") or ("5849592") or ("6075312") or ("4315754") or ("4224033") or ("4399225") or ("4314824") or ("5229838") or ("4022575") or ("7105355") or ("6097485") or ("4177677") or ("5800690"))).PN.	USPAT	OR	OFF	2008/08/26 11:54
S28	2	wo-9604547-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/26 11:55
S32	33	(US-20060210961-\$. or US-20030075446-\$.).did. or (US-6075312-\$. or US-5849592-\$. or US-5252486-\$. or US-4399225-\$. or US-6887429-\$. or US-6613579-\$. or US-4315754-\$. or US-5573651-\$. or US-5407832-\$. or US-5221521-\$. or US-7303922-\$. or US-6402946-\$. or US-5940178-\$. or US-5174959-\$. or US-4567753-\$. or US-4960711-\$. or US-5055409-\$. or US-6584832-\$. or US-5766875-\$. or US-4007010-\$. or US-6113858-\$. or US-5846492-\$. or US-5428558-\$. or US-5229838-\$. or US-7105355-\$. or US-6097485-\$.).did. or (US-4022575-\$. or US-6537799-\$. or US-5408326-\$. or US-4940333-\$. or US-4690560-\$.).did.	US-PGPUB; USPAT	OR	OFF	2008/08/27 06:31
S33	12	S32 and array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/27 06:32
S34	33	(US-20060210961-\$. or US-20030075446-\$.).did. or (US-6075312-\$. or US-5849592-\$. or US-5252486-\$. or US-4399225-\$. or US-6887429-\$. or US-6613579-\$. or US-4315754-\$. or US-5573651-\$. or US-5407832-\$. or US-5221521-\$. or US-7303922-\$. or US-6402946-\$. or US-5940178-\$. or US-5174959-\$. or US-4567753-\$. or US-4960711-\$. or US-5055409-\$. or US-6584832-\$. or US-5766875-\$. or US-4007010-\$. or US-6113858-\$. or US-5846492-\$. or US-5428558-\$. or US-5229838-\$. or US-7105355-\$. or US-6097485-\$.).did. or (US-4022575-\$. or US-6537799-\$. or US-5408326-\$. or US-4940333-\$. or US-4690560-\$.).did.	US-PGPUB; USPAT	OR	OFF	2008/08/27 12:16

S35	6	S34 and (micro or MU)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/27 12:16
S36	3	((ALASTAIR) near2 (MAGNALDO)). INV.	US-PGPUB; USPAT	OR	ON	2009/09/24 09:01
S37	5	((THIERRY) near2 (DAVIN)).INV.	US-PGPUB; USPAT	OR	ON	2009/09/24 09:01
S38	3	((ALASTAIR) near2 (MAGNALDO)). INV.	US-PGPUB; USPAT	OR	ON	2010/02/16 05:25
S39	5	((THIERRY) near2 (DAVIN)).INV.	US-PGPUB; USPAT	OR	ON	2010/02/16 05:25
S40	2	de-19736641-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/16 05:27
S41	2	("4547071").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2010/02/16 09:47
S42	3	((ALASTAIR) near2 (MAGNALDO)). INV.	US-PGPUB; USPAT	OR	ON	2010/07/24 03:03
S43	5	((THIERRY) near2 (DAVIN)).INV.	US-PGPUB; USPAT	OR	ON	2010/07/24 03:03
S44	2	("5849592").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2010/07/24 03:04
S45	14	("4022575"   "4315754"   "4960711"   "5019515"   "5055409"   "5212095"   "5221521"   "5407832"   "5573651").PN. OR ("5849592").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/24 03:05
S46	49	(US-20060210961-\$ or US- 20040198927-\$ or US-20010043883- \$ or US-20060193747-\$).did. or (US- 6171552-\$ or US-5849592-\$ or US- 4311394-\$ or US-4359323-\$ or US- 4816730-\$ or US-4835707-\$ or US- 5464601-\$ or US-6221603-\$ or US- 6287765-\$ or US-6348354-\$ or US- 6355491-\$ or US-6355788-\$ or US- 6395493-\$ or US-6410278-\$ or US- 6420154-\$ or US-6723804-\$ or US- 6872571-\$ or US-6716391-\$ or US- 5644395-\$ or US-4613567-\$ or US- 4789804-\$ or US-4819478-\$ or US- 4837161-\$ or US-4958295-\$ or US- 5192416-\$ or US-5223224-\$).did. or (US-5279945-\$ or US-5389523-\$ or US-5389524-\$ or US-5573651-\$ or US-5783740-\$ or US-6290910-\$ or US-6312393-\$ or US-6358745-\$ or US-4622976-\$ or US-4967590-\$ or US-6063166-\$ or US-3585369-\$ or	US-PGPUB; USPAT	OR	ON	2010/07/24 03:20

		US-4271697-\$ or US-4272483-\$ or US-RE30764-\$ or US-4300393-\$ or US-4312635-\$ or US-4517495-\$ or US-4760732-\$).did.				
S47	74531	(flow and (analy\$5 or inject\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/24 03:26
S48	13130	(flow near3 (analy\$5 or inject\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/24 03:26
S49	6	(flow near3 (analy\$5 or inject\$4) and (loop and transparent)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/24 03:27
S50	1051	(detect\$4 same ((diode\$2 array) and (optical adj fiber\$2))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/24 03:34
S51	269	(detect\$4 same ((diode\$2 array) and (optical adj fiber\$2)) and (slid \$5 or mov\$5)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/24 03:34
S52	44	(detect\$4 same ((diode\$2 array) and (optical adj fiber\$2)) and (slid \$5 or mov\$5) and (liquid or flow)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/24 03:35
S53	28	(flow near3 (analy\$5 or inject\$4) and (loop near5 transparent))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/24 03:43
S54	181	(detect\$4 or sens\$4) same (diode\$2 or optical adj fiber\$2) same (transparent near5 (channel or loop or path))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/24 03:48
S55	17	S54 and (FIA or (flow near3 (analy \$5 or inject\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/24 03:52
S56	144	FIA and (mov\$5 near3 (sensor or detector))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/24 03:53
S57	48	S56 and transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/24 03:53
S60	2	("6432630").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2010/07/25 03:09

S61	181	(detect\$4 or sens\$4) same (diode\$2 or optical adj fiber\$2) same (transparent near5 (channel or loop or path))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/25 03:10
S62	17	S61 and (FIA or SIA or (flow near3 (analy\$5 or inject\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/25 03:10
S63	3	((ALASTAIR) near2 (MAGNALDO)).INV.	US-PGPUB; USPAT	OR	ON	2010/11/22 03:38
S64	5	((THIERRY) near2 (DAVIN)).INV.	US-PGPUB; USPAT	OR	ON	2010/11/22 03:38
S65	3	((ALASTAIR) near2 (MAGNALDO)).INV.	US-PGPUB; USPAT	OR	ON	2011/03/07 16:10
S66	5	((THIERRY) near2 (DAVIN)).INV.	US-PGPUB; USPAT	OR	ON	2011/03/07 16:10
S67	3	((ALASTAIR) near2 (MAGNALDO)).INV.	US-PGPUB; USPAT	OR	ON	2011/07/02 16:17
S68	5	((THIERRY) near2 (DAVIN)).INV.	US-PGPUB; USPAT	OR	ON	2011/07/02 16:17
S69	2795	(concentration near6 gradient).clm.	US-PGPUB; USPAT	OR	ON	2011/07/02 16:29
S70	14	S69 and (transparent and transmit \$4).clm.	US-PGPUB; USPAT	OR	ON	2011/07/02 16:29
S71	40926	(concentration near6 gradient)	US-PGPUB; USPAT	OR	ON	2011/07/02 16:32
S72	170	S71 and (transparent and transmit \$4).clm.	US-PGPUB; USPAT	OR	ON	2011/07/02 16:32
S73	32	S72 and filter\$5.clm.	US-PGPUB; USPAT	OR	ON	2011/07/02 16:33
S74	537	S71 and (transparent and transmit \$4 and spectromet\$5)	US-PGPUB; USPAT	OR	ON	2011/07/02 16:52
S75	4	("20030156763"   "5847400").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/02 17:17
S76	180	S74 and (filter\$5 near7 light)	US-PGPUB; USPAT	OR	ON	2011/07/02 17:26
S77	124	S76 and inject\$4 and (dye or colour or color)	US-PGPUB; USPAT	OR	ON	2011/07/02 17:26
S78	77	S77 and diode and detect\$4	US-PGPUB; USPAT	OR	ON	2011/07/02 17:27
S79	47	S78 and (FIA or (flow with (analy\$5 or inject\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/02 17:27

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp

S59	36	(detect\$4 same ((diode\$2 array) and (optical adj fiber \$2)) and (mov\$5 or slid\$5) and transparent).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/07/24 03:40
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